KEPT AT THE HOUSE OF

THE ROYAL SOCIETY,

BY ORDER OF THE

PRESIDENT AND COUNCIL.

METEOROLOGICAL JOURNAL

for January 1778.

	Time. H.	Time. M.	Therm. without	Therm. within.	Barom. Inches.	Rain. Inch.	Winds. Points.	Winds. Str.	Weather.
Jan. 1	8	0	33,5	48,5	29,66	0,116	NNW	3	Rain, violent wind laſt n.
	2	0	32,5	37,0	29,85		NNW	3	Fair.
2	8	0	33,5	35 5	30,26		NNE	1	Cloudy.
	2	0	36,0	37,0	30,38		NW	1	Fine.
3	8	0	26,5	33,5	30,55		NNE	1	Fair and frosty.
	2	0	32,0	34 0	30,51		N by W	1	Fine.
4	8	0	25,0	31,5	30,49		WNW	1	Foggy and frosty.
	2	0	28,0	32,0	30,45		NW	1	Fine.
5	8	0	32,0	32,5	30,28		SSW	1	Foggy.
	2	0	37,0	32,0	30,26		SW	1	Fine.
6	8	0	37,0	36,0	30,23		NE	1	Fair.
	2	0	42,0	38,0	30,27		NE	1	Cloudy and rainy.
7	8	0	31,0	35,5	30,45		NE	1	Foggy.
	2	0	37,5	36,5	30,54		NE	1	Fine.
8	8	0	29,0	34,0	30,55		ENE	1	Foggy and frosty.
	2	0	34,0	34,5	30,61		NE	1	Fine.
9	8	0	28,0	32,0	30,50		N by E	1	Frosty.
	2	0	37,0	34,5	30,47		NE	1	Fine.
10	8	0	36,5	36,0	30,40		NE	1	Cloudy.
	2	0	38,3	37,0	30,42		NE	1	Cloudy.
11	8	0	29,0	34,0	30,41		NE	1	Foggy.
	2	0	35,0	35,5	30,39		ENE	1	Fair.
12	8	0	26,0	32,0	30,44		NE	1	Fair and frosty.
	2	0	36,0	35,0	30,42		N by E	1	Fine.
13	8	0	36.0	35,0	30,41		N by E	1	Foggy.
	2	0	40,0	37,0	30,42		NE	1	Cloudy and rainy.
14	8	0	33,0	36,0	30,33		N by W	1	Foggy.
	2	0	37,0	37,5	30,35		NW	1	Fair.
15	8	0	32,5	36,0	30,28		NE	1	Fine.
	2	0	34,5	37,5	30,29		NE	1	Fine.
16	8	0	32.5	35.0	30,19		NNE	1	Foggy.
	2	0	35,0	36.0	30,21		NE	1	Foggy and ſnow.

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	Time.	Therm. without	Therm. within.	Barom.	Rain.	Winds.		Weather.
				Inches.	Inch.	Points.	Str.	
Jan. 17	8 o	34,0	36,0	30,30		NE	1	Foggy.
	2 o	36,0	36,5	30,27		NNE	1	Cloudy.
18	8 o	32,0	35,0	30,22		S by W	1	Cloudy.
	2 o	34,0	36,0	30,28		SW	1	Rain.
19	8 o	35,0	35,0	30,27		SSW	1	Foggy.
	2 o	45,0	37,0	30,37		SW	1	Foggy.
20	8 o	38,0	39,0	30,49	0,027	S	1	Foggy.
	2 o	45,0	48,5	30,52		SW	1	Foggy.
21	8 o	38,0	40,0	30,35		S by E	1	Cloudy.
	2 o	44,5	42,5	30,29		SE	1	Fine.
22	8 o	41,0	42,5	30,20		S by W	1	Fair.
	2 o	49,0	44,5	30,24		SW	1	Fine.
23	8 o	40,0	42,0	30,37		W	1	Fair.
	2 o	48,0	44,5	30,34		SW	1	Fine.
24	8 o	37,0	44,0	30,33		S by E	1	Cloudy.
	2 o	49,0	43,5	30,24		S by W	1	Fine.
25	8 o	39,0	42,0	29,95		S by E	1	Fair.
	2 o	45,0	43,0	29,93		SE	1	Rainy and cloudy.
26	8 o	39,0	41,0	29,87	0,020	ESE	1	Fair.
	2 o	45,5	42,5	29,81		ESE	1	Fine.
27	8 o	41,0	42,5	29,66		S by E	1	Cloudy.
	2 o	44,5	43,5	29,63		S by E	1	Rainy.
28	8 o	39,0	41,5	29,86	0,053	WNW	1	Cloudy.
	2 o	41,0	42,5	29,99		NW	1	Cloudy.
29	8 o	31,5	39,0	30,15		SSW	1	Fair.
	2 o	43,0	41,5	30,25		SW	1	Fine.
30	8 o	43,0	40,0	30,24		SW	1	Cloudy.
	2 o	50,0	43,0	30,31		SW	1	Fine.
31	8 o	45,0	45,0	30,39		WSW	1	Cloudy.
	2 o	48,5	45,5	30,44		SW	1	Fine.

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	Time.	Therm. without	Therm. within.	Barom.	Rain.	Winds.		Weather.
				Inches.	Inch.	Points.	Str.	
Feb. 1	8 o	43,0	46,0	30,41		W	1	Fair.
	2 o	48,0	47,0	30,45		NW	1	Cloudy.
2	8 o	41,0	46,0	30,42		SSW	1	Fair.
	2 o	50,0	47,0	30,41		SW	1	Fine.
3	8 o	37,0	44,0	30,31		ENE	1	Foggy.
	2 o	45,0	45,0	30,26		NW	1	Fine.
4	8 o	46,0	47,0	30,14		W by N	1	Fair.
	2 o	50,0	48,0	30,14		NW	1	Fine.
5	8 o	48,0	49,5	30,07		WSW	2	Cloudy.
	2 o	51,0	49,5	30,10		WSW	2	Fine.
6	8 o	47,0	49,0	30,12		SW	2	Fine.
	2 o	55,0	52,5	30,14		SW	2	Fine.
7	8 o	50,0	51,0	30,32		WSW	1	Cloudy.
	2 o	55,5	53,5	30,32		WSW	1	Cloudy.
8	8 o	47,0	52,0	30,39		W by S	1	Cloudy.
	2 o	52,5	53,0	30,44		SW	1	Fine.
9	8 o	48,0	51,5	30,36		ENE	1	Cloudy.
	2 o	52,5	53,5	30,34		ENE	1	Cloudy.
10	8 o	45,0	49,5	30,11		SW	1	Cloudy.
	2 o	47,5	50,5	30,11		S by W	1	Cloudy.
11	8 o	42,0	48,5	30,14		SE	1	Fine.
	2 o	52,0	50,0	30,12		SE	1	Fine.
12	8 o	45,0	47,0	29,85		SSE	1	Fair.
	2 o	51,0	48,0	29,84		SW	1	Fine.
13	8 o	49,0	48,0	29,85		SW	2	Cloudy.
	2 o	53,0	51,0	29,96		SW	2	Fine, much wind.
14	8 o	48,0	50,0	29,98	0,164	SW	1	Fair.
	2 o	53,0	51,5	30,10		SW	1	Fine.
15	8 o	40,0	47,0	30,44	0,025	SSW	1	Cloudy.
	2 o	52,0	49,0	30,44		SW	1	Fine.
16	8 o	47,0	48,0	30,27		SSW	1	Cloudy.
	2 o	53,0	50,0	30,39		SW	1	Fine.

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	Time.	Therm. without	Therm. within.	Barom.	Rain.	Winds.		Weather.
				Inches.	Inch.	Points.	Str.	
Feb. 17	8 o	45,0	47,5	30,46		SW	1	Cloudy.
	2 o	57,0	50,0	30,51		SW	1	Fine.
18	8 o	44,5	49,0	30,46		SSW	1	Fine.
	2 o	55,5	51,0	30,44		S by W	1	Fine.
19	8 o	41,0	48,0	30,44		SW	1	Fine.
	2 o	54,5	50,5	30,53		SW	1	Fine.
20	8 o	38,0	47,0	30,52		SSW	1	Foggy.
	2 o	47,5	49,0	30,50		S by W	1	Fine.
21	8 o	40,0	45,0	30,34		SSW	1	Cloudy.
	2 o	46,0	47,0	30,29		WSW	1	Cloudy.
22	8 o	40,5	45,0	30,22		SW	1	Cloudy.
	2 o	40,0	46,5	30,21		SW	1	Fine.
23	8 o	40,0	44,5	30,17		S by W	1	Fair.
	2 o	50,0	45,0	30,14		SW	1	Fine.
24	8 o	43,0	46,0	30,10		E by N	1	Fine.
	2 o	51,0	47,0	30,16		NE	1	Cloudy.
25	8 o	43,0	47,0	30,21	0,050	SSE	1	Cloudy.
	2 o	52,5	49,5	30,22		S by E	1	Fine.
26	8 o	47,0	49,0	30,23		S by E	1	Fair.
	2 o	59,0	52,0	30,26		SW	1	Cloudy.
27	8 o	48,0	50,0	30,17		SW	1	Foggy.
	2 o	60,5	53,0	30,53		SW	1	Fine.
28	8 o	43,0	50,0	30,19		SSE	1	Fair.
	2 o	58,0	52,0	30,38		NE	1	Foggy.

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	Time.	Therm. without	Therm. within.	Barom.	Rain.	Winds.		Weather.
				Inches.	Inch.	Points.	Str.	
Mar. 1	7 o	39,5	49,0	30,16		SSW	1	Fair.
	2 o	59,0	51,0	30,17		SSW	1	Fine.
2	7 o	44,0	49,0	30,27		NNW	1	Fair.
	2 o	50,5	50,0	30,29		W by N	1	Fine.
3	7 o	34,5	45,0	30,34		SSW	1	Fine.
	2 o	50,0	47,5	30,37		SW	1	Fair.
4	7 o	45,0	47,0	30,49	0,051	S by E	1	Rainy.
	2 o	50,5	49,0	30,56		S by W	1	Cloudy.
5	7 o	37,0	47,0	30,60		ENE	1	Foggy.
	2 o	50,0	50,0	30,63		NE	1	Fine.
6	7 o	36,0	43,5	30,57		NNE	1	Foggy.
	2 o	51,0	46,5	30,61		NW	1	Fine.
7	7 o	40,0	44,0	30,48		NE	1	Fair.
	2 o	47,5	46,5	30,45		ENE	1	Cloudy.
8	7 o	39,0	44,0	30,41		ENE	1	Fine.
	2 o	52,0	48,0	30,40		NE	1	Fine.
9	7 o	37,0	43,5	30,32		NE	1	Fine.
	2 o	52,0	48,0	30,32		NE	1	Fine.
10	7 o	41,0	44,5	30,24		ENE	1	Cloudy.
	2 o	50,0	46,5	30,17		NE	1	Fine.
11	7 o	38,5	44,5	30,06		E	1	Fair.
	2 o	50,0	46,0	30,00		ENE	1	Fine.
12	7 o	33,0	42,0	29,93		ENE	1	Fine.
	2 o	54,5	45,5	29,95		NE	1	Fine.
13	7 o	37,0	44,0	30,14		SSW	1	Fine.
	2 o	50,0	48,0	30,14		SW	1	Fine.
14	7 o	41,0	45,0	30,15		SW	1	Fair.
	2 o	50,0	48,0	30,09		SW	1	Rainy.
15	7 o	44,0	48,0	29,84	0,052	WNW	1	Fine.
	2 o	52,0	50,0	29,96		NW	1	Cloudy.
16	7 o	38,5	45,0	30,06		NNE	1	Cloudy.
	2 o	47,0	47,0	30,05		NE	1	Fine.

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	Time. H.	M.	Therm. without	Therm. within.	Barom. Inches.	Rain. Inch.	Winds. Points.	Str.	Weather.
Mar. 17	7	0	40,0	44,5	29,95		S by W	1	Cloudy.
	2	0	50,0	47,0	29,89		SW	1	Fine.
18	7	0	44,0	45,5	29,64	0,381	SSE	1	Rainy.
	2	0	52,0	49,0	29,63		SE	1	Fair.
19	7	0	43,0	48,5	29,64		W by S	1	Fine.
	2	0	54,5	51,0	29,72		W by S	1	Fine.
20	7	0	50,0	51,0	29,80	0,029	S by W	1	Cloudy.
	2	0	56,0	54,0	29,79		SSW	1	Fine.
21	7	0	46,0	52,0	29,72		WSW	2	Cloudy.
	2	0	49,5	53,0	29,79		W by S	2	Showery with sun-shine.
22	7	0	45,0	49,0	30,27	0,010	W by S	1	Fine.
	2	0	55,0	52,0	30,34		SW	1	Fair.
23	7	0	49,0	51,0	30,33		SW	1	Fair.
	2	0	57,0	52,0	30,36		SW	1	Fine.
24	7	0	47,0	49,0	30,32		SSW	1	Fine.
	2	0	62,0	53,0	30,35		SW	1	Fine.
25	7	0	39,5	49,5	30,31		NNE	1	Fine.
	2	0	60,0	54,0	30,29		NW	1	Fine.
26	7	0	42,0	50,0	30,15		NW	1	Fine.
	2	0	61,0	53,0	30,07		NW	1	Fine.
27	7	0	42,0	53,0	30,08		NW	1	Fine.
	2	0	60 0	56,0	30,17		NW	1	Fine.
28	7	0	42,0	50,0	30,11		NW	1	Fine.
	2	0	73,0	52,0	30,48		NE	1	Fine.
29	7	0	42,0	47,0	30,40		NE	1	Fine.
	2	0	73,0	49,0	30,43		N by E	1	Fine.
30	7	0	38,0	35,0	30,35		NE	1	Fine.
	2	0	51,0	48,0	30,29		SE	1	Fine.
31	7	0	36,0	44,0	30,30		NE	1	Fine
	2	0	57,0	48,5	30,29		NE	1	Fine.

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	Time. H.	M.	Therm. without	Therm. within.	Barom Inches.	Rain. Inch.	Winds. Points.	Str.	Weather.
Apr. 1	7	0	43,0	47,0	30,44		NE	1	Cloudy.
	2	0	50,0	49,0	30,48		NE	1	Cloudy.
2	7	0	38,0	44,0	30,54		NE	1	Fine.
	2	0	56,0	51,0	30,59		NE	1	Fine.
3	7	0	38,0	44,5	30,49		NE	1	Fine.
	2	0	62,0	58,0	30,43		NE	1	Fine.
4	7	0	40,0	46,5	30,25		NE	1	Fine.
	2	0	65,0	51,0	30,18		WSW	1	Fine.
5	7	0	47,0	50,0	30,09		NE	1	Fair.
	2	0	67,5	55,0	30,05		SSE	1	Fine.
6	7	0	47,0	51,0	30,03		SE	1	Fine.
	2	0	67,0	57,0	30,25		SE	1	Fine.
7	7	0	51,0	52,0	30,19	0,051	SSW	1	Cloudy.
	2	0	60,5	57,0	30,14		S by W	2	Cloudy.
8	7	0	53,0	54,0	29,84		S by W	2	Fine.
	2	0	63,0	59,0	29,73		SW	2	Cloudy and rain.
9	7	0	43,5	53,5	29,77	0,175	WSW	2	Fine.
	2	0	54,0	55,0	29,81		SW	2	Rainy.
10	7	0	44,5	49,5	29,97	0,027	W by S	1	Fair.
	2	0	52,0	54,0	29,99		SW	1	Cloudy with little rain.
11	7	0	53,0	51,0	30,00		SW	2	Fair.
	2	0	64,0	56,5	30,03		SW	2	Fine.
12	7	0	51,0	52,0	30,10		S by W	1	Cloudy.
	2	0	62,0	58,0	30,14		SW	1	Cloudy.
13	7	0	52,0	54,0	30,12	0,010	SW	1	Fair.
	2	0	66,0	60,0	30,12		SW	1	Fine.
14	7	0	48,0	56,5	30,05		SW	1	Fair.
	2	0	71,0	61,0	29,99		SW	1	Fine.
15	7	0	52,0	58,0	29,85		ENE	1	Fine.
	2	0	78,0	64,0	29,86		SW	1	Fine.
16	7	0	51,5	60,0	29,90		ENE	1	Cloudy.
	2	0	55,0	60,0	29,96		NE	1	Cloudy.

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	Time.	Therm. without	Therm within.	Barom.	Rain.	Winds.		Weather.
	H. M.			Inches.	Inch.	Points.	Str.	
Apr. 17	7 0	48,0	53,0	30,19		E by S	1	Cloudy.
	2 0	55,0	55,5	30,20		E by S	2	Cloudy.
18	7 0	51,5	52,5	30,06		ESE	1	Fine.
	2 0	69,0	60,5	29,99		E	1	Fine.
19	7 0	57,5	59,0	29,96	0,016	SSW	1	Cloudy.
	2 0	68,5	62,5	30,03		SW	1	Fine.
20	7 0	54,0	58,0	30,09		SSW	1	Fine.
	2 0	66,0	62,0	30,07		SW	2	Fine.
21	7 0	53,0	59,0	29,82	0,100	W by S	2	Fine.
	2 0	61,0	60,0	29,78		S by W	2	Fine.
22	7 0	55,0	57,0	29,81	0,033	SSW	3	Cloudy.
	2 0	60,0	57,5	29,77		SW	2	Cloudy.
23	7 0	47,0	54,0	29,66	0,210	W by S	2	Cloudy and rain.
	2 0	56,0	56,5	29,74		SSW	3	Cloudy.
24	7 0	49,0	53,0	29,60	0,245	SW	2	Fair.
	2 0	45,0	54,0	29,58		SW	2	Showery.
25	7 0	45,0	50,0	29,78	0,218	W by N	2	Fine.
	2 0	57,0	52,5	29,88		SW	2	Fine.
26	7 0	49,0	52,0	29,43	0,094	W by S	2	Fine.
	2 0	58,0	54,5	29,55		NW	2	Fine.
27	7 0	46,0	51,0	29,60		SW	2	Fine.
	2 0	47,0	52,5	29,65		NW	2	Showery.
28	7 0	45,0	50,0	29,57	0,045	WSW	2	Fine.
	2 0	55,0	52,0	29,59		SW	2	Fine.
29	7 0	50,0	50,5	29,65		WSW	2	Cloudy.
	2 0	56,5	54,0	29,69		W by S	2	Fine.
30	7 0	45,0	50,0	29,74		NE	1	Fine.
	2 0	59,0	53,5	29,79		E by N	1	Fine.

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	Time.	Therm. without	Therm. within.	Barom.	Rain.	Winds.		Weather.
	H. M.			Inches.	Inch.	Points.	Str.	
May 1	7 0	47,0	52,0	29,52	0,342	NNE	1	Rainy.
	2 0	48,0	52,0	29,51		NNW	1	Rainy.
2	7 0	41,5	48,0	29,80	0,021	NNE	1	Fine.
	2 0	55,5	51,5	29,81		SSW	1	Fine.
3	7 0	43,0	48,5	29,68		N by E	1	Rainy.
	2 0	45,0	50,0	29,65		N by E	1	Rainy.
4	7 0	42,0	45,0	29,64	0,240	N by W	1	Rainy.
	2 0	50,0	48,0	29,69		NW	1	Cloudy.
5	7 0	42,0	45,0	29,65		NNW	1	Cloudy.
	2 0	45,0	48,0	29,62		NW	1	Rainy.
6	7 0	47,0	48,0	29,82	0,202	SSW	1	Fair.
	2 0	61,0	52,0	29,80		SW	1	Cloudy.
7	7 0	53,0	53,5	29,71	0,015	SSW	1	Fair.
	2 0	60,0	55,0	29,74		SW	1	Showery, but ſun-ſhine.
8	7 0	51,0	53,0	29,67	0,094	ESE	1	Fine.
	2 0	56,0	55,0	29,61		ENE	1	Showery.
9	7 0	53,0	55,0	29,63	0,083	SSW	1	Cloudy.
	2 0	65,0	58,5	29,77		SSW	1	Fine.
10	7 0	51,0	51,5	29,69		ENE	1	Fine.
	2 0	70,0	68,5	29,64		SW	1	Fine.
11	7 0	52,0	57,0	29,67	0,085	WSW	1	Fine.
	2 0	65,0	61,0	29,78		SSW	1	Fine.
12	7 0	49,0	57,5	29,87		SW	1	Fine.
	2 0	64,0	60,0	29,93		SSW	1	Fine.
13	7 0	55,5	58,0	29,91		W	1	Fine.
	2 0	68,0	61,5	29,96		WNW	1	Fine.
14	7 0	53,0	59,0	29,93		SSW	1	Fine.
	2 0	67,5	62,0	29,97		SSW	1	Fine.
15	7 0	58,0	60,0	29,92		SSW	1	Fair.
	2 0	67,0	63,0	29,93		W by S	1	Fair.
16	7 0	57,0	60,5	29,86	0,039	SSW	1	Rainy.
	2 0	60,0	62,5	29,86		SW	2	Cloudy and ſhowery.

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	Time. H.	M.	Therm. without	Therm. within.	Barom. Inches.	Rain. Inch.	Winds. Points.	Str.	Weather.
May 17	7	0	58,0	61,0	29,78	0,087	SSW	2	Cloudy.
	2	0	66,0	64,0	29,80		SSW	2	Fine.
18	7	0	59,0	62,0	29,83		SSW	2	Cloudy, with little fun-fh.
	2	0	58,5	62,0	29,78		SW	2	Rain.
19	7	0	53,5	60,0	29,78	0,315	WSW	2	Cloudy.
	2	0	63,5	61,5	29,81		WSW	2	Showery.
20	7	0	52,0	58,0	29,83	0,146	WSW	2	Cloudy.
	2	0	58,0	59,0	29,88		SW	2	Cloudy.
21	7	0	55,5	57,0	30,02	0,039	SW	1	Cloudy.
	2	0	60,0	59,5	30,06		SW	2	Cloudy.
22	7	0	55,0	58,0	30,16		NW	1	Fine.
	2	0	66,0	61,5	30,16		NW	1	Fine.
23	7	0	58,0	59,5	30,19		ENE	1	Fine.
	2	0	78,0	66,0	30,12		SE	1	Fine.
24	7	0	65,5	66,0	30,03		S by W	1	Fine.
	2	0	82,5	71,5	30,07		S by W	1	Fine.
25	7	0	63,0	60,0	30,20		ENE	1	Fine.
	2	0	80,0	73,5	30,20		NE	1	Fine.
26	7	0	54,5	61,0	30,12		NE	1	Cloudy.
	2	0	75,0	70,0	30,12		E	1	Fine.
27	7	0	57,5	64,0	30,09		NE	1	Fair.
	2	0	70,0	67,5	30,12		NE	1	Fine.
28	7	0	54,5	63,0	30,03		NE	1	Fair.
	2	0	74,5	68,0	30,02		NE	1	Fine.
29	7	0	64,5	65,5	29,96		ENE	1	Fine.
	2	0	77,5	79,0	30,04		E by N	1	Fine.
30	7	0	56,0	64,0	30,22		ENE	1	Fair.
	2	0	62,0	65,0	30,27		NE	1	Cloudy.
31	7	0	56,5	57,5	30,19		NE	1	Fine.
	2	0	66,5	62,0	30,20		NE	1	Fine.

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	Time. H.	Time. M.	Therm. without	Therm. within.	Barom. Inches.	Rain. Inch.	Winds. Points.	Winds. Str.	Weather.
June 1	7	0	56,0	61,0	30,08		NE	1	Fine.
	2	0	67,5	63,0	30,02		E by N	1	Fine.
2	7	0	53,5	57,5	30,02		N by E	1	Fine.
	2	0	70,0	62,0	30,14		NE	1	Fine.
3	7	0	56,0	58,0	29,98		NE	1	Fine.
	2	0	67,0	63,5	30,04		NE	1	Fine.
4	7	0	54,0	56,5	29,97		S by E	1	Fine.
	2	0	70,0	63,5	29,95		NW	1	Fine.
5	7	0	54,0	61,0	29,90		NW	1	Fine.
	2	0	67,0	63,5	29,87		N by E	1	Fine.
6	7	0	56,0	51,5	29,90		ENE	1	Fine.
	2	0	71,0	65,0	29,89		SE	1	Fine.
7	7	0	62,0	63,0	29,78		ESE	1	Fine.
	2	0	73,5	68,0	29,73		SSE	1	Fine.
8	7	0	61,0	65,0	29,54	0,086	SSW	1	Fine.
	2	0	70,0	68,0	29,48		SW	1	Fine.
9	7	0	57,0	65,0	29,48	0,028	SW	2	Cloudy.
	2	0	68,0	66,0	29,51		SW	2	Cloudy.
10	7	0	59,5	64,5	29,66	0,040	SSW	1	Cloudy.
	2	0	62,0	65,0	29,72		SW	1	Cloudy.
11	7	0	53,0	61,5	29,65	0,303	N by W	1	Rainy.
	2	0	53,0	62,0	29,64		NE	2	Rainy.
12	7	0	55,5	61,0	29,50	1,198	ENE	1	Cloudy.
	2	0	70,0	65,0	29,55		S by E	1	Fine.
13	7	0	58,0	61,0	29,53		W by S	1	Fair.
	2	0	72,0	65,5	29,51		S by E	1	Fine.
14	7	0	58,0	63,5	29,57		NE	1	Fair.
	2	0	71,0	66,5	29,64		NW	1	Fair.
15	7	0	59,5	64,0	29,90		NNE	1	Fine.
	2	0	71,5	69,0	30,00		NNE	1	Fine.
16	7	0	53,5	61,0	30,11		N by W	2	Cloudy.
	2	0	62,0	63,0	30,15		N	2	Fair.

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	Time.	Therm. without	Therm within.	Barom.	Rain.	Winds.		Weather.
	H. M.			Inches.	Inch.	Points.	Str.	
June 17	7 0	54,5	60,0	30,15		N by W	1	Cloudy.
	2 0	72,0	63,0	30,17		NW	1	Fine.
18	7 0	56,0	59,0	30,05		SW	1	Fair.
	2 0	75,0	65,0	29,97		NW	1	Fine.
19	7 0	55,0	61,0	29,97		NW	1	Fine.
	2 0	61,5	62,0	29,97		WSW	1	Fine.
20	7 0	52,5	59,5	30,10	0,058	NW	1	Fine.
	2 0	62,5	61,0	30,12		NW	1	Fine.
21	7 0	58,0	60,0	30,16		W by N	1	Fine.
	2 0	71,0	64,0	30,16		WSW	1	Fine.
22	7 0	56,5	61,5	30,15	0,120	NNW	1	Rainy.
	2 0	61,0	63,0	30,22		NW	1	Cloudy.
23	7 0	57,0	60,5	30,21		N by E	1	Fine.
	2 0	62,5	64,0	30,22		NE	1	Cloudy.
24	7 0	56,5	60,0	30,13		NNE	1	Fine.
	2 0	63,0	63,0	30,13		NW	1	Cloudy.
25	7 0	55,0	60,0	29,92	0,385	N by E	1	Rainy.
	2 0	60,0	62,0	29,89		NNE	1	Showery.
26	7 0	58,0	61,0	29,92	0,258	NE	2	Fine.
	2 0	69,0	65,0	29,99		NE	2	Fine.
27	7 0	55,0	58,5	30,02		N by E	2	Fair.
	2 0	65,5	63,5	30,01		ENE	2	Fine.
28	7 0	57,0	60,0	30,02		ENE	1	Cloudy.
	2 0	68,0	64,0	30,01		NNE	1	Fine.
29	7 0	54,5	60,0	30,06		N by E	1	Fair.
	2 0	69,0	66,0	30,12		N by E	1	Fine.
30	7 0	57,5	61,0	30,22		SSW	1	Fine.
	2 0	72,0	65,5	30,21		S by W	1	Fine.

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	Time. H.	M.	Therm. without	Therm. within	Barom. Inches.	Rain. Inch.	Winds. Points.	Str.	Weather.
July 1	7	0	62,5	64,0	30,08		SSW	1	Fine.
	2	0	73,0	68,0	30,00		SW	1	Fine.
2	7	0	59,0	64,5	29,85		N by W	1	Fine.
	2	0	76,0	69,0	29,81		NW	1	Fine.
3	7	0	61,0	65,0	29,60	0,160	NW	1	Rainy.
	2	0	63,0	67,0	29,50		NW	1	Rainy.
4	7	0	61,0	64,0	29,47	0,500	SSE	1	Fine.
	2	0	68,0	65,0	29,35		SE	1	Rainy.
5	7	0	59,0	64,5	29,52	1,000	S by W	2	Fine.
	2	0	65,0	66,0	29,35		SW	2	Showery.
6	7	0	57,0	63,0	29,30	0,228	SW	1	Rainy.
	2	0	63,0	65,0	29,48		SW	1	Cloudy.
7	7	0	60,0	64,0	29,76	0,160	N by E	1	Fair.
	2	0	66,5	66,0	29,89		NNW	1	Showery.
8	7	0	60,0	64,5	30,14	0,020	NNW	1	Fine.
	2	0	73,5	67,5	30,17		N	1	Fine.
9	7	0	60,0	66,5	30,30		NNE	1	Fine.
	2	0	78,0	70,0	30,28		NE	1	Fine.
10	7	0	64,0	67,0	30,28		SSW	1	Fine.
	2	0	80,0	73,5	30,29		NW	1	Fine.
11	7	0	69,0	65,0	30,34		NW	1	Fine.
	2	0	82,0	76,5	30,38		NNW	1	Fine.
12	7	0	65,0	73,5	30,41		N by W	1	Fair.
	2	0	81,0	76,5	30,42		NW	1	Fine.
13	7	0	65,5	73,5	30,33		NW	1	Fine.
	2	0	84,0	80,5	30,29		NW	1	Fine.
14	7	0	66,0	69,0	30,27		ENE	1	Fine.
	2	0	77,0	77,0	30,31		NE	1	Fine.
15	7	0	66,0	69,0	30,34		ESE	1	Fine.
	2	0	74,0	76,5	30,38		SE	1	Fine.
16	7	0	69,0	74,0	30,29		SSW	1	Fine.
	2	0	82,0	81,0	30,34		NE	1	Fine.

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	Time. H.	M.	Therm. without	Therm. within.	Barom. Inches.	Rain. Inch.	Winds. Points.	Str.	Weather.
July 17	7	0	64,5	67,0	30,25		ESE	1	Fine.
	2	0	74,0	72,0	30,21		SE	1	Fine.
18	7	0	67,5	68,0	30,11		E by S	1	Fine.
	2	0	85,0	75,0	30,09		SSE	1	Fine.
19	7	0	63,0	72,0	30,00		SW	1	Fair.
	2	0	77,5	76,0	29,95		SW	1	Cloudy.
20	7	0	64,0	70,0	29,88		SSW	1	Fine.
	2	0	76,0	74,5	29,84		SW	1	Fine.
21	7	0	63,5	70,5	29,72		NNW	1	Fair.
	2	0	62,0	70,0	29,54		NW	1	Rainy.
22	7	0	62,0	68,5	29,58	2,867	SSW	1	Fine.
	2	0	64,0	68,5	29,52		SE	1	Showery.
23	7	0	61,0	66,0	29,33	0,853	SE	1	Rainy.
	2	0	60,5	68,0	29,32		NE	1	Rainy.
24	7	0	61,0	66,0	29,63	0,140	NW	1	Fair.
	2	0	70,0	68,5	29,66		N by W	1	Fine.
25	7	0	64,5	68,0	29,74		SSW	1	Fair.
	2	0	74,0	70,5	29,71		NW	1	Fine.
26	7	0	60,0	67,5	29,76	0,269	NNE	1	Fair.
	2	0	71,5	70,0	29,84		NE	1	Fine.
27	7	0	59,0	67,0	29,92		S	1	Fine.
	2	0	73,0	70,0	29,97		SW	1	Cloudy.
28	7	0	64,0	66,0	29,85		WSW	1	Cloudy.
	2	0	78,0	74,0	29,88		SW	1	Fine.
29	7	0	67,0	71,0	29,81	0,029	SW	1	Cloudy.
	2	0	76,5	74,0	29,78		SW	1	Fair.
30	7	0	64,0	69,0	29,67		SSW	1	Cloudy.
	2	0	73,0	72,0	29,69		WSW	1	Showery.
31	7	0	62,0	69,0	29,79	0,175	NW	2	Cloudy.
	2	0	66,0	69,0	29,89		WSW	2	Cloudy.

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	Time. H.	M.	Therm. without	Therm. within.	Barom. Inches.	Rain. Inch.	Winds. Points.	Str.	Weather.
Aug. 1	7	0	59,5	67,0	30,09		S by W	1	Fine.
	2	0	75,0	70,0	30,08		SW	1	Fine.
2	7	0	62,0	68,0	30,03		SSW	1	Fine.
	2	0	79,0	72,0	29,96		SSW	1	Fine.
3	7	0	60,0	69,0	30,01	0,044	SW	1	Fine.
	2	0	73,5	72,5	30,08		NW	1	Fine.
4	7	0	63,5	69,5	29,97		SSW	1	Cloudy.
	2	0	67,0	70,0	29,90		SSW	1	Rain.
5	7	0	61,0	67,0	29,82	0,110	S by E	1	Rainy.
	2	0	69,0	69,5	29,78		SSW	1	Showery.
6	7	0	58,0	66,0	29,70	0,054	NNW	1	Rainy.
	2	0	57,0	65,5	29,67		NNW	1	Rainy.
7	7	0	55,0	62,0	29,64	0,712	NW	1	Rainy.
	2	0	64,0	66,0	29,68		NW	1	Rainy.
8	7	0	63,0	66,0	29,85	0,094	N by W	1	Fine.
	2	0	72,5	69,0	29,88		N by W	1	Fine.
9	7	0	60,5	66,0	29,86		NW	1	Cloudy.
	2	0	68,0	68,5	29,91		NW	1	Cloudy.
10	7	0	63,5	67,0	30,05		NNW	1	Cloudy.
	2	0	72,0	70,5	30,08		N by W	1	Cloudy.
11	7	0	62,0	68,0	30,08		ENE	1	Cloudy.
	2	0	76,0	72,5	30,11		NNE	1	Fine.
12	7	0	63,0	69,5	30,08		SSE	1	Cloudy.
	2	0	74,5	72,0	30,08		N	1	Fine.
13	7	0	63,0	69,5	30,12		S by W	1	Fair.
	2	0	75,0	72,0	30,09		S by W	1	Fine.
14	7	0	64,0	70,5	30,12		E by N	1	Fair.
	2	0	77,5	73,5	30,11		E by S	1	Fine.
15	7	0	65,0	67,0	30,01		SE	1	Cloudy.
	2	0	81,0	77,0	30,01		SSE	1	Fine.
16	7	0	62,0	71,0	30,05		S by E	1	Fair.
	2	0	77,0	73,0	30,07		SE	1	Fine.

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	Time. H.	M.	Therm. without	Therm. within.	Barom. Inches.	Rain. Inch.	Winds. Points.	Str.	Weather.
Aug. 17	7	0	62,0	69,0	30,09		NNE	1	Fine.
	2	0	74,0	73,5	30,13		NE	1	Fine.
18	7	0	60,0	67,5	30,17		NE	1	Fine.
	2	0	74,0	73,5	30,22		NE	1	Fine.
19	7	0	61,5	67,0	30,22		NE	1	Fine.
	2	0	74,5	72,5	30,27		SW	1	Fine.
20	7	0	61,5	67,0	30,27		NNE	1	Fair.
	2	0	75,0	70,0	30,29		NNE	1	Fine.
21	7	0	67,0	70,0	30,28		ENE	1	Fine.
	2	0	7 80	72,0	30,29		NE	1	Fine.
22	7	0	65,0	67,0	30,18		NNE	1	Fine.
	2	0	78,0	73,5	30,14		ENE	1	Fine.
23	7	0	63,5	69,5	30,04		N by E	1	Cloudy.
	2	0	65,0	72,0	30,04		NE	1	Rainy.
24	7	0	59,0	67,0	30,07	0,055	N by W	1	Fine.
	2	0	70,0	69,5	30,08		NW	1	Fine.
25	7	0	57,0	65,5	30,13		NE	1	Fair.
	2	0	72,0	68,5	30,10		ENE	1	Fine.
26	7	0	60,5	66,0	30,09		ENE	1	Cloudy.
	2	0	75,0	71,0	30,13		NNE	1	Fine.
27	7	0	62,5	65,5	30,07		E by S	1	Fair.
	2	0	78,0	73,0	30,15		SE	1	Fine.
28	7	0	62,5	67,5	30,18		SE	1	Fine.
	2	0	78,5	72,5	30,20		E	1	Fine.
29	7	0	65,5	71,0	30,23		NE	1	Fine.
	2	0	84,0	75,0	30,22		NE	1	Fine.
30	7	0	64,0	66,5	30,04		ENE	1	Fine.
	2	0	82,0	77,0	30,95		NE	1	Fine.
31	7	0	68,5	71,0	29,92		S	1	Fine.
	2	0	84,5	79,0	29,97		S	1	Fine.

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	Time.	Therm. without	Therm. within.	Barom	Rain.	Winds.		Weather.
	H. M.			Inches	Inch.	Points.	Str.	
Sept. 1	7 0	61,0	72,0	29,94		NE	1	Fine.
	2 0	79,5	75,5	29,83		ENE	1	Fine.
2	7 0	63,0	73,0	29,80	0,033	WSW	2	Fine.
	2 0	72,0	73,5	29,90		W by S	1	Fine.
3	7 0	59,0	70,0	29,99		NNW	2	Fine.
	2 0	74,5	72,0	29,98		SSW	2	Fine.
4	7 0	63,0	69,0	29,91	0,015	SSW	1	Cloudy.
	2 0	64,0	71,0	29,96		SW	1	Rainy.
5	7 0	57,0	66,0	29,76	0,095	SE	1	Cloudy.
	2 0	67,5	67,0	29,71		S by E	1	Cloudy.
6	7 0	51,5	63,0	29,92		NW	1	Fine.
	2 0	66,0	65,0	30,04		NW	1	Cloudy.
7	7 0	59,0	63,0	30,03	0,017	WSW	2	Cloudy.
	2 0	70,0	68,0	30,04		SW	2	Fine.
8	7 0	63,0	65,5	30,00		W by S	2	Cloudy.
	2 0	72,0	69,0	30,07		NW	2	Fair.
9	7 0	55,0	65,5	30,12		NW	1	Fine.
	2 0	65,0	66,0	30,13		NW	1	Fine.
10	7 0	62,0	64,0	30,07		W by N	1	Fair.
	2 0	72,0	69,0	30,10		N by W	1	Fair.
11	7 0	59,5	64,0	30,17		E by N	1	Fine.
	2 0	73,5	78,0	30,15		S by E	1	Fine.
12	7 0	53,5	60,0	30,03		SE	1	Cloudy.
	2 0	72,0	66,5	29,98		W by N	1	Fine.
13	7 0	61,0	66,0	30,01		W by S	1	Fair.
	2 0	70,0	69,0	30,07		SW	1	Fine.
14	7 0	60,0	65,5	30,01		WNW	1	Cloudy.
	2 0	61,0	66,0	29,99		NW	1	Rainy.
15	7 0	53,0	63,0	29,94	0,316	WSW	1	Fine.
	2 0	68,0	66,0	30,04		NW	1	Fine.
16	7 0	62,0	64,0	30,11		W by S	1	Fair.
	2 0	72,0	69,0	30,20		WSW	1	Fine.

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	Time. H.	M.	Therm. without	Therm within.	Barom. Inches.	Rain. Inch.	Winds. Points.	Str.	Weather.
Sept. 17	7	0	61,0	64,0	30,17		SW	2	Cloudy.
	2	0	69,0	68,0	30,14		SW	2	Fine.
18	7	0	61,5	65,0	29,88		SSW	2	Fine.
	2	0	68,0	64,0	29,73		SW	2	Cloudy.
19	7	0	55,0	62,0	29,79	0,259	WSW	1	Cloudy.
	2	0	58,5	63,0	29,77		WSW	2	Fine.
20	7	0	48,0	58,0	29,91	0,074	W by S	1	Fine.
	2	0	61,5	61,0	29,96		W by S	1	Fine.
21	7	0	52,0	58,0	29,95		SSE	1	Cloudy.
	2	0	65,0	62,0	29,82		SSW	1	Showery.
22	7	0	58,0	60,0	29,75		SW	1	Fair.
	2	0	67,0	65,0	29,78		SW	2	Fine.
23	7	0	56,0	62,0	29,69	0,140	SSW	1	Rainy.
	2	0	62,0	64,0	29,72		SW	1	Rainy.
24	7	0	67,0	63,0	29,56	0,945	SW	1	Rainy.
	2	0	67,0	65,0	29,61		SW	1	Fine.
25	7	0	64,0	65,0	29,54	0,030	SW	2	Cloudy.
	2	0	70,0	68,0	29,55		SW	1	Cloudy.
26	7	0	66,0	68,0	29,78	0,045	SW	1	Cloudy.
	2	0	69,0	68,0	29,78		SW	1	Cloudy.
27	7	0	59,0	66,0	29,72	0,227	SW	1	Cloudy.
	2	0	67,0	67,0	29,88		SW	1	Fine.
28	7	0	57,5	63,5	30,00		S by W	1	Fair.
	2	0	66,0	65,5	30,06		SW	1	Fine.
29	7	0	59,5	63,5	29,96	0,036	SSE	1	Fair.
	2	0	68,0	66,5	29,90		SE	1	Fine.
30	7	0	58,0	64,0	29,68		SE	1	Fine.
	2	0	67,5	66,5	29,69		SE	1	Rainy.

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	Time. H.	Time. M.	Therm. without	Therm. within.	Barom.	Rain.	Winds. Points.	Winds. Str.	Weather.
Oct. 1	7	0	53,5	62,5	29,65	0,079	NNW	1	Cloudy.
	2	0	59,0	62,0	29,74		NW	1	Fine.
2	7	0	45,0	54,0	29,97		N by W	1	Fine.
	2	0	54,5	57,0	30,08		NW	1	Fine.
3	7	0	42,5	50,0	30,11		NNW	1	Fine.
	2	0	52,5	52,0	30,06		NNW	2	Fine.
4	7	0	36,0	48,0	30,22		WNW	1	Fair.
	2	0	55,0	50,0	30,31		NW	1	Fine.
5	7	0	39,5	43,5	30,36		NE	1	Fine.
	2	0	58,5	55,5	30,42		NE	1	Fine.
6	7	0	50,5	52,0	30,18	0,039	NNE	1	Fair.
	2	0	57,5	55,5	30,08		NE	1	Rainy.
7	7	0	51,5	53,0	29,86	0,010	SE	1	Cloudy.
	2	0	60,0	57,5	29,90		SW	1	Rainy.
8	7	0	41,0	52,0	30,14		SSW	1	Fair.
	2	0	57,0	55,0	30,17		SW	1	Fine.
9	7	0	42,0	50,5	30,03		NE	1	Foggy.
	2	0	60,5	58,0	29,96		ESE	1	Fine.
10	7	0	54,0	56,0	29,82	0,266	WSW	1	Rainy.
	2	0	57,0	58,0	29,90		NW	1	Cloudy.
11	7	0	44,5	53,0	30,11	0,048	SW	1	Fair.
	2	0	61,5	57,0	30,08		SW	1	Fine.
12	7	0	58,0	57,0	29,91	0,030	SSW	1	Cloudy.
	2	0	64,0	59,5	29,91		SW	1	Cloudy.
13	7	0	55,0	60,0	30,00	0,075	WSW	1	Cloudy.
	2	0	64,0	62,0	30,00		SSW	1	Fair.
14	7	0	58,5	61,5	29,84		SE	1	Fair.
	2	0	63,0	63,0	29,70		SE	1	Cloudy.
15	7	0	50,5	60,0	29,69	0,010	SSW	1	Fair.
	2	0	62,0	62,0	29,67		ESE	1	Cloudy.
16	7	0	54,0	68,0	29,40	0,209	SSE	3	Much rain and wind last n.
	2	0	56,0	59,5	29,40		S by W	2	Showery.

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	Time.	Therm. without	Therm. within	Barom.	Rain.	Winds.		Weather.
	H. M.			Inches.	Inch.	Points.	Str.	
Oct. 17	7 0	47,0	55,0	29,68	1,070	SW	1	Fine.
	2 0	58,5	57,0	29,87		SW	2	Fine.
18	7 0	54,0	55,0	29,88		SSW	2	Cloudy.
	2 0	61,5	68,0	29,79		S by W	2	Fine.
19	7 0	56,0	58,0	29,59		S by E	1	Fair.
	2 0	64,5	62,5	29,64		SW	2	Cloudy.
20	7 0	50,0	58,5	29,69	0,050	SSW	1	Fair.
	2 0	58,0	59,0	29,84		WSW	1	Fine.
21	7 0	42,0	52,5	29,96		NE	1	Foggy.
	2 0	54,0	55,5	29,85		E by S	1	Rainy.
22	7 0	47,0	53,0	29,97	0,562	NNE	1	Fair.
	2 0	55,0	54,5	30,06		N by E	1	Fair.
23	7 0	47,0	51,5	30,14		N by E	1	Fair.
	2 0	57,0	53,5	30,14		NE	1	Cloudy.
24	7 0	54,5	54,5	30,18		E by S	1	Cloudy.
	2 0	60,0	56,5	30,17		SE	1	Cloudy.
25	7 0	54,5	60,0	30,15		SW	1	Fair.
	2 0	64,0	62,0	30,07		WSW	1	Fair.
26	7 0	57,0	59,0	29,95		WSW	1	Fair.
	2 0	61,5	62,0	29,91		WSW	1	Rainy.
27	7 0	53,0	58,0	29,89	0,134	WSW	1	Rainy.
	2 0	55,5	58,0	29,95		SW	1	Fine.
28	7 0	56,0	55,0	29,69	0,130	SW	2	Cloudy.
	2 0	57,0	57,0	29,68		SW	2	Rainy.
29	7 0	47,5	53,0	30,06	0,221	WSW	1	Fair.
	2 0	55,5	56,0	30,12		NW	1	Fine.
30	7 0	55,0	56,0	30,12		NNW	1	Fair.
	2 0	62,0	59,0	30,21		NW	1	Fair.
31	7 0	54,0	57,0	30,35		N by W	1	Fair.
	2 0	57,5	58,5	30,35		SW	1	Cloudy.

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	Time.		Therm. without	Therm. within.	Barom.	Rain.	Winds.		Weather.
	H.	M.			Inches.	Inch.	Points.	Str.	
Nov. 1	8	0	52,5	56,5	30,30		SE	1	Foggy.
	2	0	59,0	58,0	30,24		SSE	1	Cloudy.
2	8	0	50,0	53,5	30,09		NNE	1	Foggy.
	2	0	57,0	56,5	30,09		NW	1	Cloudy.
3	8	0	51,5	54,5	30,19		SSW	1	Fair.
	2	0	55,0	55,5	30,21		SSE	1	Cloudy.
4	8	0	55,0	56,0	30,10	0,020	SW	1	Cloudy.
	2	0	55,5	58,0	30 18		NW	1	Fine.
5	8	0	52,0	56,5	30,11	0,062	WSW	1	Rainy.
	2	0	56,0	57,0	30,11		SW	1	Cloudy.
6	8	0	46,5	54,0	30,21		WSW	1	Fair.
	2	0	53,5	55,0	30,22		NW	1	Fine.
7	8	0	50,0	43,5	30,20		W by N	1	Fair.
	2	0	69,5	65,5	30,18		NNW	1	loudy.
8	8	0	52,0	55,0	30,24		W by S	1	Foggy.
	2	0	55,0	55,5	30,24		NW	1	Cloudy.
9	8	0	44,5	53,5	30,33		W by S	1	Fair.
	2	0	52,0	53,5	30,38		NW	1	Cloudy.
10	8	0	45,5	51,0	30,25	0,264	NNE	1	Cloudy.
	2	0	46,0	50,0	30,28		NW	1	Cloudy.
11	8	0	46,0	48,0	30,10		W by N	1	Fair.
	2	0	50,0	50,0	30,07		NW	1	showery and cloudy.
12	8	0	44,5	46,5	29,92		SW	1	Rainy.
	2	0	52,5	49,5	29,76		WNW	1	Showery.
13	8	0	43,5	47,5	29,56	0,100	NW	1	Fai
	2	0	45,0	48,0	29 44		SW	1	Cloudy.
14	8	0	32,0	42,0	29,28	1,145	W by N	2	Fair.
	2	0	40,5	42,5	29,22		NW	2	Rain and snow.
15	8	0	36,0	40,0	28,99	0,122	WNW	1	Fair.
	2	0	38,0	41,0	29,00		SW	1	Cloudy and rain.
16	8	0	34,0	39,0	29,39	0,122	WNW	1	Fair.
	2	0	41,5	41,0	29,45		WNW	1	Rainy.

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	Time.	Therm. without	Therm. within.	Barom.	Rain.	Winds.		Weather.
	H. M.			Inches.	Inch.	Points.	Str.	
Nov. 17	8 0	37,0	39,5	29,58	0,018	NNW	1	Cloudy.
	2 0	40,0	40,0	29,52		NW	1	Cloudy.
18	8 0	32,0	38,0	29,58		NE	1	Cloudy.
	2 0	37,0	38,5	29,62		NW	1	Fine.
19	8 0	30,0	37,0	29,64		W by N	1	Foggy.
	2 0	40,5	39,0	29,58		W by N	1	Fine.
20	8 0	32,5	37,0	29,46		SSW	1	Cloudy.
	2 0	37,0	38,0	29,29		SW	1	Cloudy.
21	8 0	35,0	36,5	29,09	0,160	NW	1	Cloudy.
	2 0	42,5	39,5	29,15		NE	1	Cloudy.
22	8 0	36,0	38,0	29,25		NNW	1	Cloudy.
	2 0	40,5	41,5	29,26		WSW	1	Fair.
23	8 0	29,0	36,5	29,20		SSW	1	Fair.
	2 0	34,0	37,0	29,22		SW	1	Fine.
24	8 0	34,0	35,5	29,38		W by S	1	Foggy.
	2 0	37,5	40,5	29,45		WSW	1	Foggy and ſun-ſhine.
25	8 0	36,0	36,5	29,15	0,245	ESE	1	Rainy.
	2 0	40,0	37,0	29,09		ESE	1	Cloudy and rainy.
26	8 0	43,0	38,0	28,75	0,237	W	1	Rainy.
	2 0	41 0	40,5	28,93		W	1	Cloudy.
27	8 0	33.0	38,0	29,03	0 044	ENE	1	Cloudy.
	2 0	59,0	38,0	28,92		NE	2	Rainy.
28	8 0	48,0	43,0	28,84	0,467	SSW	2	Fair.
	2 0	48.0	46,0	28,97		SSW	2	Rainy.
29	8 0	35,0	40,0	28,96	0,580	N by W	1	Rainy.
	2 0	43,0	43,0	29,22		NW	1	Fine.
30	8 0	37,0	42,0	29,20	0,189	W by N	2	Fair.
	2 0	45,0	44,0	29,78		SW	2	Fine.

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	Time. H.	Time. M.	Therm. without	Therm. within.	Barom. Inches.	Rain. Inch.	Winds. Points.	Winds. Str.	Weather.
Dec. 1	8	0	43,5	43,5	29,45		SW	1	Cloudy.
	2	0	48,0	48,0	29,51		SW	1	Cloudy.
2	8	0	55,5	49,5	29,26	0,236	SW	2	Rainy.
	2	0	58,0	52,0	29,24		SW	2	Rainy and windy.
3	8	0	53,5	55,0	29,29	0,253	W by N	3	Much wind and rain laſt n
	2	0	50,0	54,5	29,57		SW	2	Fine.
4	8	0	36,5	46,5	29,65	0,470	SW	2	Fair.
	2	0	42,0	47,0	29,85		SW	2	Fine.
5	8	0	33,0	42,0	30,07		NW	1	Fair.
	2	0	38,5	42,0	30,13		NW	1	Fine.
6	8	0	31,5	38,0	30,27		W by S	1	Foggy.
	2	0	35,0	45,0	30,29		SE	1	Foggy.
7	8	0	40,0	38,0	29,70		SSW	1	Cloudy.
	2	0	45,0	41,0	29,52		SW	1	Rainy and foggy.
8	8	0	40,0	43,0	29,67	0,722	NNE	2	Cloudy.
	2	0	39,0	42,5	29,88		NE	1	Fine.
9	8	0	36,5	38,5	29,85	0,047	SSW	1	Rainy.
	2	0	46,5	41,5	29,66		SW	1	Rainy.
10	8	0	47,0	46,0	29,75	0,439	S by W	1	Cloudy.
	2	0	44,0	47,5	29,75		SW	1	Rainy and cloudy.
11	8	0	47,0	49,0	29,75	0,110	SW	1	Cloudy.
	2	0	48,0	50,0	29,81		NW	1	Fine.
12	8	0	43,0	46,5	29,56	0,030	E	1	Rainy.
	2	0	50,0	48,0	29,45		NW	1	Rainy.
13	8	0	45,5	47,5	29,16	0,125	SSW	2	Cloudy.
	2	0	45,0	48,0	29,06		SSW	2	Rainy.
14	8	0	38,0	44,0	29,41	0,913	W by S	2	Fair.
	2	0	42,5	44,5	29,57		WSW	2	Fine.
15	8	0	34,0	40,0	29,91		S by W	1	Cloudy and foggy.
	2	0	37,0	41,0	29,88		S by W	1	Snow and foggy.
16	8	0	34,5	38,0	29,75	0,193	NE	1	Cloudy and foggy.
	2	0	41,0	40,0	29,64		NE	1	Cloudy and foggy.

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	Time. H.	M.	Therm. without	Therm. within.	Barom. Inches.	Rain. Inch.	Winds. Points.	Str.	Weather.
Dec. 17	8	0	49,0	46,0	29,58	0,140	WSW	1	Foggy.
	2	0	53,0	58,5	29,60		WSW	1	Cloudy and rain.
18	8	0	51,0	50,5	29,62	0,398	SW	1	Cloudy.
	2	0	54,0	52,0	29,65		SW	1	Fine.
19	8	0	50,0	51,0	29,48	0,034	SW	2	Cloudy.
	2	0	52,0	53,0	29,47		SW	2	Cloudy.
20	8	0	48,0	52,0	28,91	0,201	SSW	2	Fair.
	2	0	50,0	52,5	28,85		SW	2	Fine.
21	8	0	44,0	49,5	29,00	0,179	SSE	1	Cloudy.
	2	0	49,0	50,5	28,91		SSE	1	Fine.
22	8	0	30,0	42,0	29,89	0,268	NNW	1	Fair.
	2	0	31,5	42,0	29,13		NW	1	Fine.
23	8	0	31,0	37,0	29,40		W by S	1	Frosty.
	2	0	34,5	38,0	29,43		SSW	1	Fine.
24	8	0	26,5	35,0	29,63		SSE	1	Foggy and frosty.
	2	0	31,0	35,5	29,64		NNW	1	Fine and frosty.
25	8	0	20,0	31,0	29,82		WNW	1	Frosty.
	2	0	28,5	31,5	29,88		NW	1	Fine and frosty.
26	8	0	20,0	28,0	30,04		W by N	1	Frosty.
	2	0	32,0	30,0	30,07		NW	1	Frosty and foggy
27	8	0	33,0	32,0	29,98		NNE	1	Cloudy.
	2	0	35,0	33,0	29,91		NE	1	Foggy and snow.
28	8	0	36,0	35,0	29,81	0,095	NE	1	Cloudy.
	2	0	36,0	35,0	29,91		NE	1	Foggy and rain.
29	8	0	36,0	36,5	30,13	0,030	NE	1	Cloudy.
	2	0	38,0	36,0	30,19		NE	1	Cloudy.
30	8	0	35,0	36,0	30,30		ESE	1	Cloudy.
	2	0	47,0	37,0	30,33		SSE	1	Fine.
31	8	0	29,0	35,0	30,24		E	1	Foggy and frosty.
	2	0	34,0	36,0	30,26		E	1	Fine.

1779	Thermometer without.			Thermometer within.			Barometer.			Rain.
	Greateſt Height.	Leaſt Height.	Mean Height.	Greateſt Height.	Leaſt Height.	Mean Height.	Greateſt Height.	Leaſt Height.	Mean Height.	Inches.
January	50,0	25,0	37,2	48,5	31,5	38,2	30,61	29,63	30,24	0,216
February	60,5	37,0	47,9	53,5	44,0	48,8	30,53	29,84	30,26	0,239
March	73,0	33,0	49,2	56,0	35,0	48,1	30,63	29,63	30,19	0,523
April	78,0	38,0	53,8	64,0	47,0	54,8	30,59	29,43	29,96	1,224
May	82,5	41,5	58,4	79,0	45,0	59,4	30,27	29,51	29,89	1,708
June	75,0	52,5	61,7	69,0	51,5	64,0	30,22	29,48	29,92	2,476
July	85,0	57,0	68,0	81,0	63,0	69,5	30,42	29,30	29,91	6,401
Auguſt	84,5	55,0	67,4	79,0	62,0	69,4	30,29	29,64	30,05	1,074
September	79,0	52,0	63,4	78,0	58,0	65,3	30,20	29,54	29,87	2,232
October	64,5	36,0	54,2	68,0	43,5	56,8	30,42	29,54	29,96	3,031
November	69,5	29,0	44,2	65,5	35,5	45,5	30,39	28,75	29,62	2,778
December	58,0	20,0	42,1	58,5	28,0	42,0	30,33	28,85	29,50	4,883
Whole Year			53,9			55,1			29,43	26,785

VARIA-

VARIATION NEEDLE.

Month.	7 h. A.M.	12 h. M	2 h. P.M.	10 or 11 h. P.M.
	°	° ′	° ′	° ′
July 2	22 19	22 29	22 38	22 31
3	22 16	22 13	22 35	22 27
4	22 25	22 35	22 21	22 28
5	22 27	22 34	22 38	22 25
6	22 18	22 34	22 37	22 54
7	22 25	22 40	22 38	22 17
8	22 15	22 34	22 25	22 34
9	22 32	22 39	22 49	22 39
10	22 18	22 28	22 16	22 34
11	22 19	22 31	22 34	22 32
12	22 22	22 37	22 41	22 30
13	22 21	22 44	22 30	22 25
14	22 17	22 34	22 00	22 14
15	22 24	22 39	22 41	22 47
Means	22 21	22 34	22 32	22 31

Mean of all 22° 29′½.

Mean, allowing for the error of the inſtrument, *vide* vol. LXVI. p. 382. and vol. LXIX. p. 321. = 22° 28′.

Therefore, as the variation at the Society's houſe ſeems to be 1 5′½ greater than it ought to be by reaſon of the magnetiſm of the building *(vide* ſame place) the true variation ſeems to be 22° 4′½.

DIPPING NEEDLE.

Month.	7 h. A.M.	12 h. M.	2 h. P.M.	10 or 11h. P.M.	Mean.	
	° ′	° ′	° ′	° ′	° ′	
July 2	72 30	72 45	72 45	72 45		
3	72 50	72 45	72 50	72 45	72 46	West marked end up.
4	72 50	72 45	72 45	72 50		
5	72 50	72 50	72 45	72 40		
6	72 50	71 55	71 50	71 55	71 55	East marked end up.
7	71 59	71 59	71 50	71 59		
8	71 59	71 50	72 0	72 10		
9	72 0	72 5	71 50	72 10	72 7	West marked end down.
10	72 10	72 10	72 10	72 10		
11	72 10	72 10	72 15	72 10		
12	72 50	72 40	72 40	72 40		
13	72 30	72 40	72 30	72 35	72 36	East marked end down.
14	72 50	72 50	72 10	72 30		
15	72 30	72 40	72 30	72 40		
					72 21	

THE END OF VOL. LXX. PART I.